



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Thursday, December 7, 2017
Issued: 0800 CT

Day 1 Weather Impacts: Snow for portions of W TX.

National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



**Prepared by: Brian Hoeth
817-978-1100 x 147**

Key Points



Today – Friday

- **Snow over portions of West TX will cause travel impacts**
 - **Main impacts will be from the Trans Pecos into the Davis and Guadalupe Mountains and the Big Bend Area**
- **Very light snow/sleet mixed with rain is possible across portions of Central, Southern, and Eastern TX and into Central LA today and over portions of South TX and Central and SE LA tonight/early Friday. Little to no accumulation on roadways is expected.**

Saturday - Monday

- **No significant weather impacts**

FEMA Region 6 Threat Matrix

Dec 7, 2017 through Dec 11, 2017

| | THU | FRI | SAT | SUN | MON |
|-----------------------------|------|------|-----|-----|-----|
| Severe Weather | | | | | |
| Heavy Rain / Flash Flooding | | | | | |
| Fire Weather | | | | | |
| Winter | W TX | W TX | | | |
| River Flooding | | | | | |

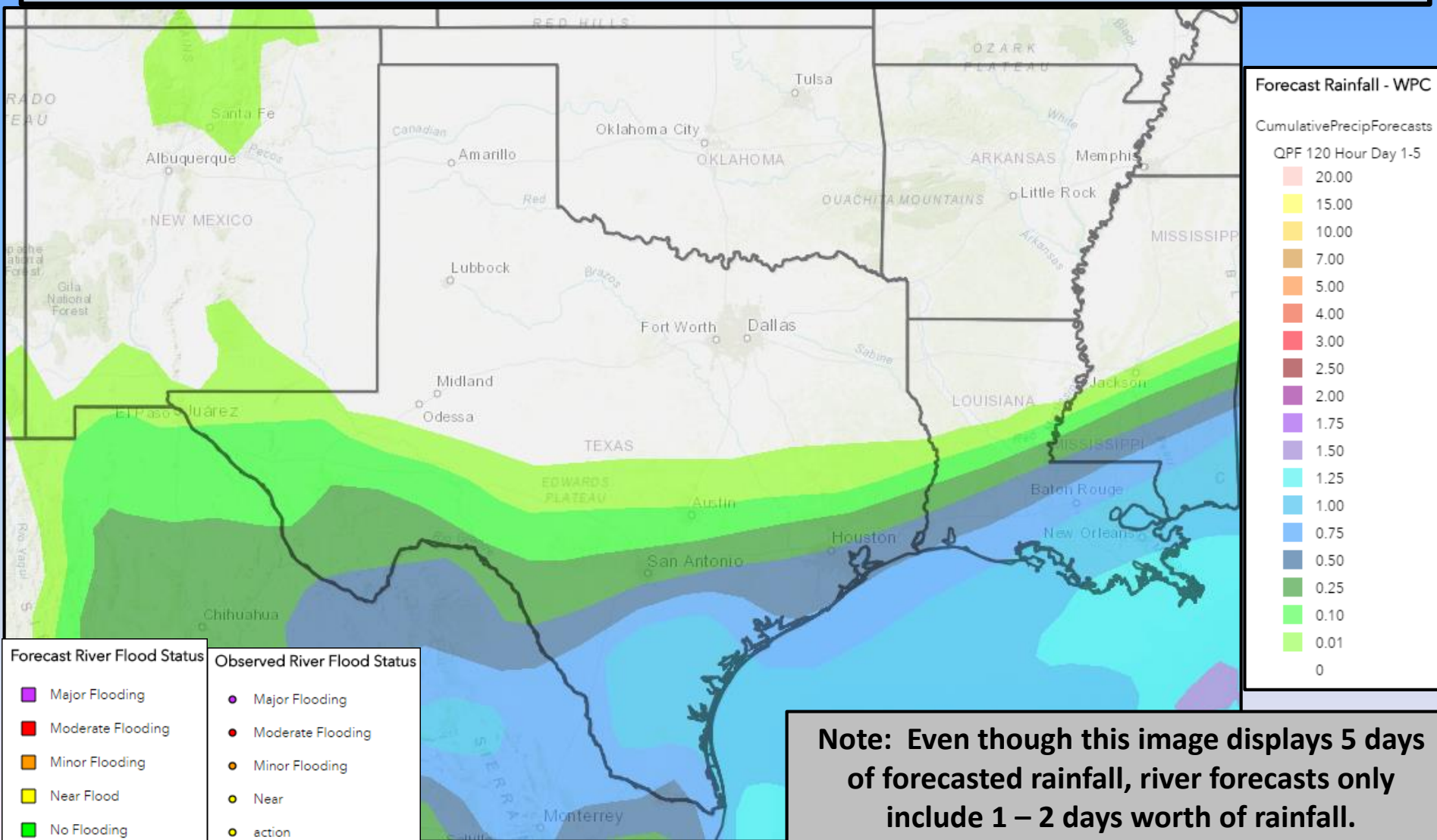
| | |
|--|-----------------------------------|
| | No Weather Threats Expected |
| | Very Common – Happens Often |
| | Common – Happens Frequently |
| | Uncommon – A Few Times a Year |
| | Rare – Once Every 1-5 Years |
| | Very Rare – Once Every 5-10 Years |

For more details on the colors in the threat matrix refer to the last slide in this briefing.



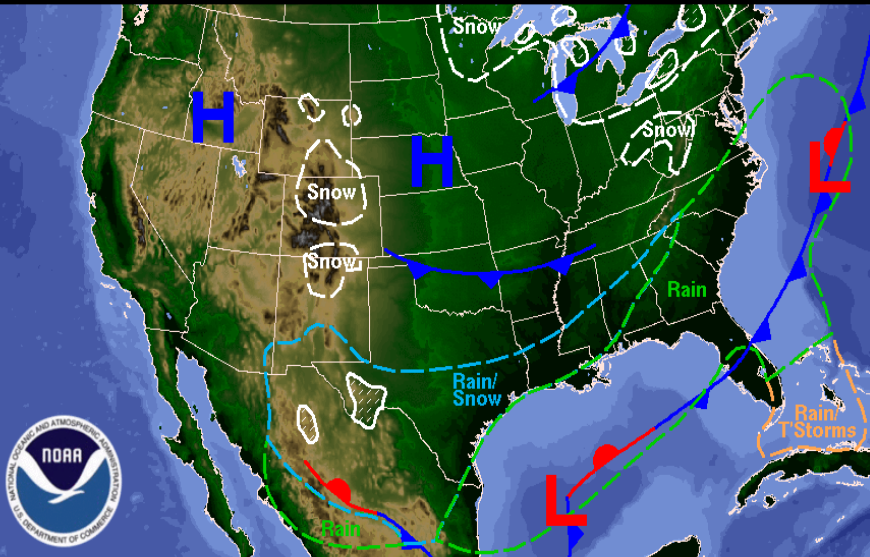
5-Day Precipitation Forecast & River Flood Status

No significant river flooding is occurring or expected.



For the latest on river flooding: <http://water.weather.gov/ahps>

Today's Weather



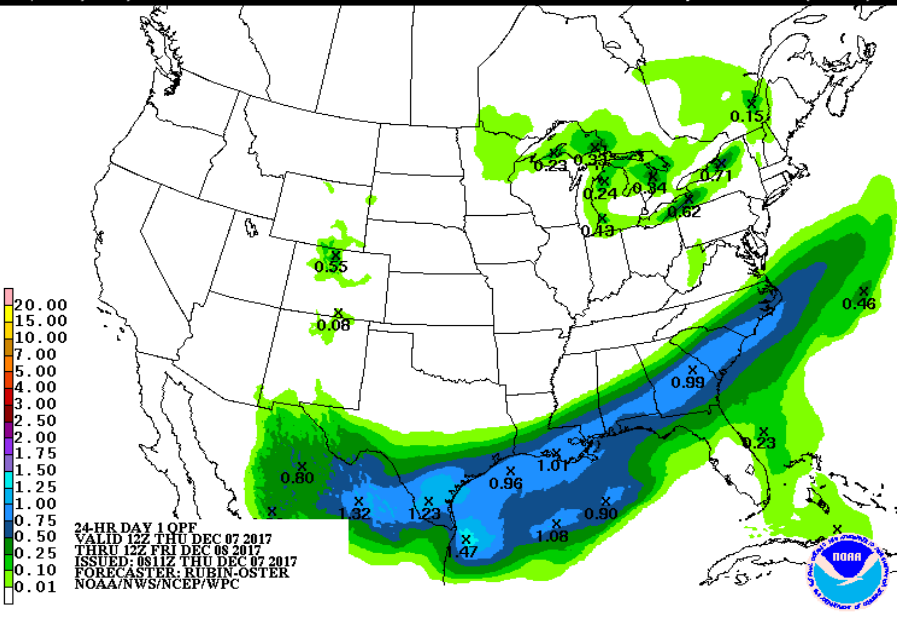
Snow over portions of W Texas will cause some travel impacts.

Very light snow/sleet mixed with rain is possible across portions of Central, Southern, and Eastern TX and into Central LA today and over portions of South TX and Central and SE LA tonight/early Friday. Little to no accumulation on roadways is expected.

Day 1 National Forecast Chart

Valid Thu, Dec 07, 2017, issued 7:30 AM EST
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Hurley with WPC/SPC/NHC forecasts

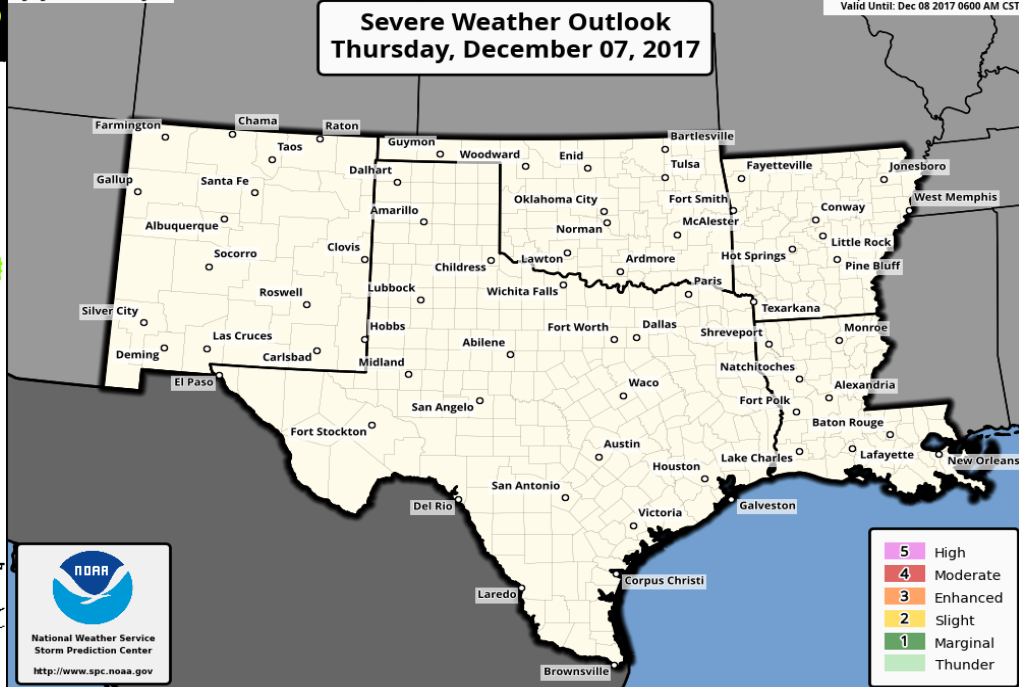
Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



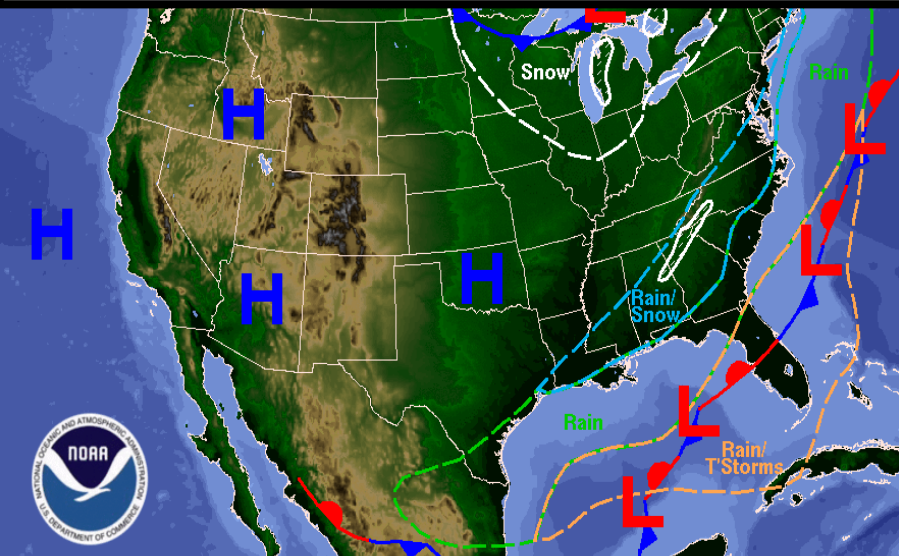
Highlighted Area: FEMA Region 6

Severe Weather Outlook Thursday, December 07, 2017

Last Updated: Dec 07 2017 0657 AM CST
Valid Until: Dec 08 2017 0600 AM CST



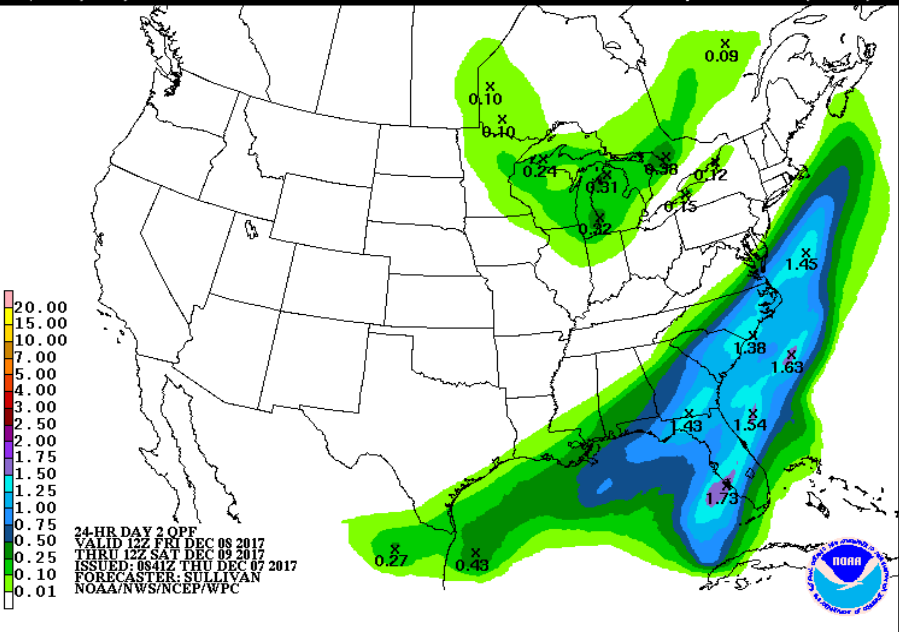
Tomorrow's Weather



Day 2 National Forecast Chart

Valid Fri, Dec 08, 2017, issued 4:52 AM EST Thu, Dec 07, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)



24-HR DAY 2 OPI
 VALID 12Z FRI DEC 08 2017
 THRU 12Z SAT DEC 09 2017
 ISSUED: 0841Z THU DEC 07 2017
 FORECASTER: SULLIVAN
 NOAA/NWS/NCEP/WPC

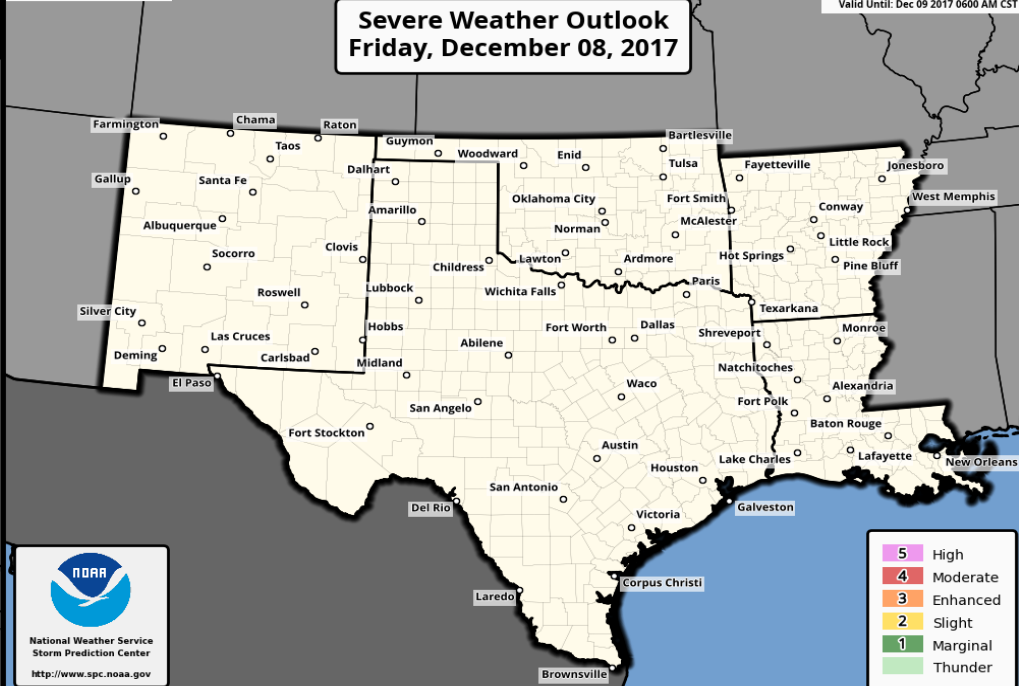
Travel impacts in W TX may linger into Friday.

Very light snow/sleet/rain mix is possible over portions of S TX & Central and SE LA early Friday morning. Little to no accumulation is expected.

Highlighted Area: FEMA Region 6

Severe Weather Outlook Friday, December 08, 2017

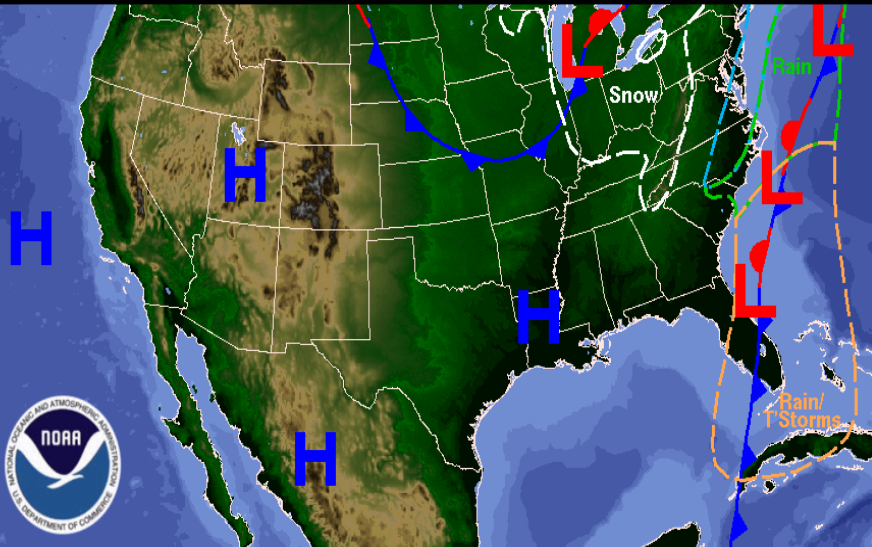
Last Updated: Dec 07 2017 1215 AM CST
 Valid Until: Dec 09 2017 0600 AM CST



NOAA
 National Weather Service
 Storm Prediction Center
<http://www.spc.noaa.gov>

5 High
 4 Moderate
 3 Enhanced
 2 Slight
 1 Marginal
 Thunder

Saturday's Weather

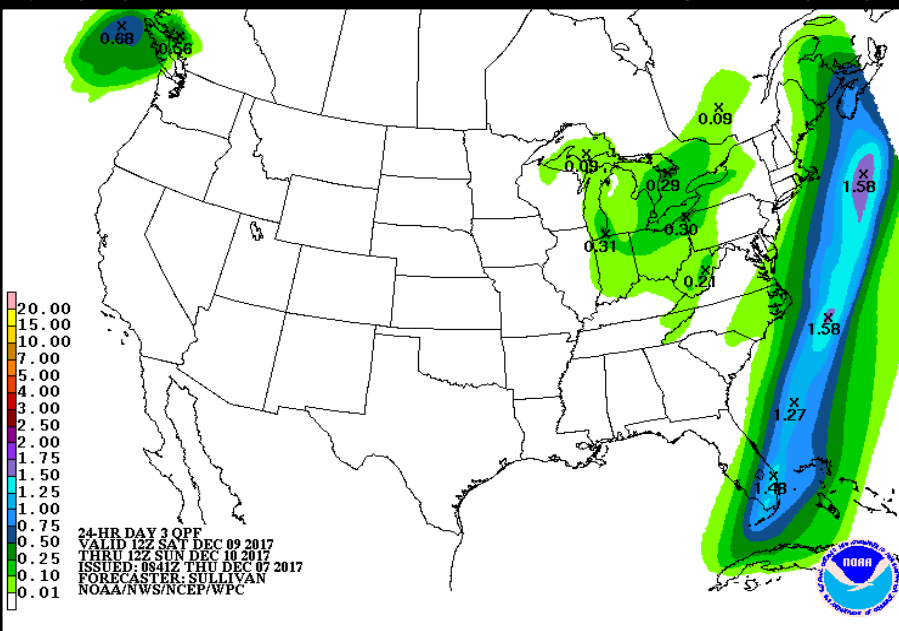


No significant weather impacts.

Day 3 National Forecast Chart

Valid Sat, Dec 09, 2017, issued 4:55 AM EST Thu, Dec 07, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds with WPC/SPC/NHC forecasts

Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)



Highlighted Area: FEMA Region 6

Severe Weather Outlook Saturday, December 09, 2017

Last Updated: Dec 07 2017 0117 AM CST
 Valid Until: Dec 10 2017 0600 AM CST

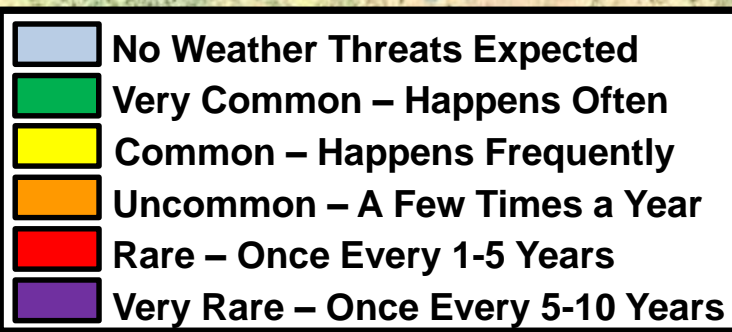


Day 4-5 Weather Hazards

Sunday - Monday



**No significant
weather impacts.**

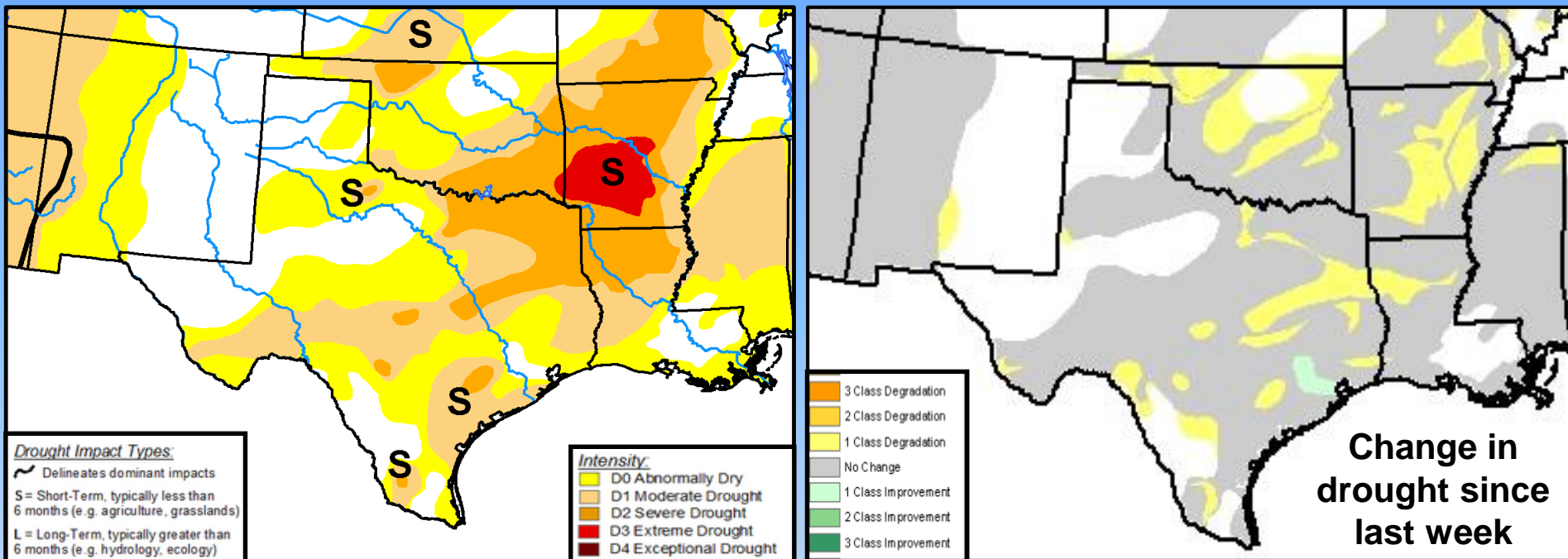


***Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.**



Drought Monitor Released December 7, 2017

Data valid as of 6am CST, Tuesday, December 5, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

| State | Current | Last Week | 3 Months Ago | 1 Year Ago |
|------------|---------|-----------|--------------|------------|
| Arkansas | 26.13% | 14.66% | 0.00% | 0.49% |
| Louisiana | 0.00% | 0.00% | 0.00% | 0.00% |
| New Mexico | 0.00% | 0.00% | 0.00% | 0.00% |
| Oklahoma | 0.78% | 0.78% | 0.00% | 2.68% |
| Texas | 0.00% | 0.00% | 0.00% | 0.03% |

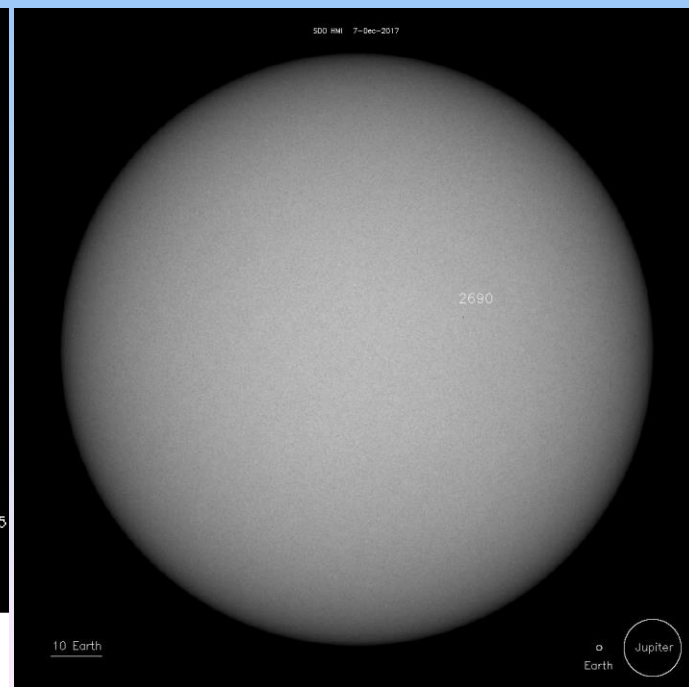
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

| | Thursday | Friday | Saturday |
|-------------------------------|---------------------------------|--------------------|--------------------|
| Geomagnetic Storms | Quiet to Unsettled (Max Kp = 3) | Quiet (Max Kp = 2) | Quiet (Max Kp = 2) |
| Solar Radiation Storm (S1-S5) | 1% | 1% | 1% |
| Radio Blackout (R1-R2) | 1% | 1% | 1% |
| Radio Blackout (R3-R5) | 1% | 1% | 1% |



Normal X-ray Background
Product Valid At : 2017-12-07 13:56 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



| Weather "Threat" Matrix | | | |
|-------------------------|--|---|--|
| Color | Definition | Criteria | Example(s) |
| Green | Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines | Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active | <ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX |
| Yellow | Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life | Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook | <ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail |
| Orange | Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life | Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | <ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected |
| Red | Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life | Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought | <ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue |
| Purple | Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought | <ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms |